

20030107.qrp v02_n793.qrl.20030107

Date: Tue, 7 Jan 2003 19:03:13 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2793

QRP-L Digest 2793

Topics covered in this issue include:

- 1) [144211] Operation from inside a motel room on 40m
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 2) [144212] Class E amplifiers
by KD5NWA <KD5NWA@cbayona.com>
- 3) [144213] [OT] CW miscellany
by Kenneth Hoglund <hoglund@wfu.edu>
- 4) [144214] Re: IC-706 Power Cable
by wkhibbert@juno.com
- 5) [144215] Request for info
by Ted Buckley <tedb@aracnet.com>
- 6) [144216] THANKS ON ANT QUESTION
by hamjoel@juno.com
- 7) [144217] AEA DX Handy MX-28S SOLD!!!
by "John Paul Dooley" <portscom@hotmail.com>
- 8) [144218] Re:Request for info
by Wayne_W5KDJ <w5kdj@juno.com>
- 9) [144219] Motel operation...Alternative
by Pete Burbank <plburbank@earthlink.net>
- 10) [144220] QRP+ Problem : Low/ No Power Output
by "K. Edwards" <n3eeg@hotmail.com>
- 11) [144221] Re: Request for info (on K1)
by "Dave Ek" <ekdave@earthlink.net>
- 12) [144222] Re: Info on Tandy Model 100 notebook?
by "Brian Riley (maillist)" <n1bq_list@wulfdan.org>
- 13) [144223] OT: Flying Pigs on TV
by "Mike Majority" <n4vbv@earthlink.net>
- 14) [144224] Spartan Sprint
by "Dave Martin" <k2zu@seanet.com>
- 15) [144225] Re: QRP+ Problem : Low/ No Power Output
by David Hinerman <WD8CIV@worldnet.att.net>
- 16) [144226] PM1 in Sprint [g]
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 17) [144227] Re: Flying Pigs on TV
by "Tony Fishpool" <tony@g4wif.fsnet.co.uk>
- 18) [144228] Re: Vertical Antenna Question
by "Dennis Payton" <dpayton@fwi.com>
- 19) [144229] Re: 10 Meters is HOT!

- by Jeff <fantbb@yahoo.com>
- 20) [144230] Sprint and 80M
by "P. Ermisch" <ermisch@usa.net>
- 21) [144231] Re: Flying Pigs on TV
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 22) [144232] KG6CYN DDS kit component purchase (2nd call)
by "P. Ermisch" <ermisch@usa.net>
- 23) [144233] Re: Spartan Sprint
by "Karl F. Larsen" <k5di@zianet.com>
- 24) [144234] Re: QRP+ Problem : Low/ No Power Output
by k4vib@att.net
- 25) [144235] Re: [fpqrp] THANKS ON ANT QUESTION
by Macstein@aol.com
- 26) [144236] Re: 132 foot long wire
by "Hartwell, Martin E, ALCAS" <mehartwell@att.com>
- 27) [144237] KG6CYN DDS kit component purchase (2nd call)
by "Bill Dittrich" <rawditttrich@hotmail.com>
- 28) [144238] Michigan QRP Net
by kwike@gdls.com
- 29) [144239] Re: Flying Pigs on TV
by "w8diz" <w8diz@fpqrp.com>
- 30) [144240] Re: 132 foot long wire
by "Tim, N9PUZ" <n9puz@arrl.net>
- 31) [144241] Fw: IC-706 Power Cable
by "Walter Amos" <waltk8cvamosqrp@earthlink.net>
- 32) [144242] F.S. DDS boards and parts
by "Joe W2KJ" <w2kj@bellsouth.net>
- 33) [144243] Re: QRP+ Problem : Low/ No Power Output - RESOLVED
by "K. Edwards" <n3eeg@hotmail.com>
- 34) [144244] Re: 132 foot long wire (feed)
by ARDUJENSKI@aol.com
- 35) [144245] Re: 132 foot long wire
by Bruce Grubbs <mail@brucegrubbs.com>
- 36) [144246] Re: QRP+ Problem : Low/ No Power Output - RESOLVED
by "Randy Randall" <RANDALLR@Healthall.com>
- 37) [144247] Re: QRP+ Problem : Low/ No Power Output - RESOLVED
by David Hinerman <WD8CIV@worldnet.att.net>
- 38) [144248] Re: IC-706 Power Cable
by "Richard Brummer, K2JQ" <k2jq@rcn.com>
- 39) [144249] New ADI DDS chips
by "Leon Heller" <leon_heller@hotmail.com>
- 40) [144250] DDS boards
by "Joe W2KJ" <w2kj@bellsouth.net>
- 41) [144251] FS laptop
by "Hartwell, Martin E, ALCAS" <mehartwell@att.com>
- 42) [144252] Off Line For a Few, now /MM
by NB6M@aol.com
- 43) [144253] Most expensive state to QSL

by "Bob Tellefsen" <n6wg@earthlink.net>
44) [144254] portable multiband vertical antenna ?'s
by "Steve Blary" <steve@eclipsecat.com>
45) [144255] portable multiband vertical antenna ?'s
by "KL7FDQ, Wayne Leman" <KL7FDQ@rangeweb.net>
46) [144256] RE: Most expensive state to QSL
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
47) [144257] RE: 1SV149
by "Sverre Holm - LA3ZA" <la3za@qsl.net>
48) [144258] Re: T018 heatsink for 2N2222
by Ray Sills <raysills@1stconnect.com>
49) [144259] Re: 132 foot long wire
by Steven Weber <kd1jv@moose.ncia.net>
50) [144260] Re: Request for info
by "Steve Lawrence" <Steve.Lawrence@ITWFEG.COM>
51) [144261] Re: Fw: IC-706 Power Cable
by wkhibbert@juno.com
52) [144262] RE: Most expensive state to QSL
by "AI2Q" <ai2q@adelphia.net>
53) [144263] Re: 10 Meters is HOT!
by "James Reid" <jreid4@earthlink.net>
54) [144264] Antenna Question
by John Bohnert <johnb@elmhurst.edu>
55) [144265] Re: Vertical Antenna Question
by "Walter Amos" <waltk8cvamosqrp@earthlink.net>
56) [144266] Re: Antenna Question
by Bill ROWLETT <kc4atu@yahoo.com>
57) [144267] RE: Antenna Answer
by Karl Kanalz <kkanalz@gcecispc.com>
58) [144268] Re: Antenna Question
by "Mike Yetsko" <myetsko@insydesw.com>
59) [144269] Re: Antenna Question
by alan.kaul@att.net
60) [144270] The Demise of N5FC
by Monty N5ESE <n5fc@io.com>
61) [144271] RE: Most expensive state to QSL
by "Bob Tellefsen" <n6wg@earthlink.net>
62) [144272] Need help with name of logging program...
by "Rob Matherly" <w0jrm@arrl.net>

Date: Mon, 6 Jan 2003 17:58:24 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: "James Parsons" <res075cz@gte.net>, <qrp-1@Lehigh.EDU>
Subject: [144211] Operation from inside a motel room on 40m
Message-ID: <004801c2b5df\$9ab123f0\$4e100a0a@rohredt2000>

Jim, it depends. If you are up high in a high rise, or could get an antenna on the balcony, you would do better than just on ground floor inside a room with a small loop like the DCTL, or a random wire and counterpoise. Having space to rig a full dipole would work better than a short wire.

I would say on your trip, take a set up along with the idea of trying to have as long a counterpoise as you can up to a quarter wave, and use as much wire for something to approximate a quarter wave for the antenna. Use a loading coil if you must. If inside, you need a lot of radiator on that band, (40M).

But, you may find that noise from electronics in the modern motel makes hearing the greater challenge. IF you can find out ahead of time, that the motel has upper floors, and balconies, you can try to get a more favorable operating location. Don't count on success unless you can take along several antennas, and try them. You might be able to do better operating from the car and a loaded mobile whip or screwdriver antenna, perhaps enhanced while portable and stationary in parking lot, with a counterpoise quarter wave wire or two.

GL and 72,
Stuart K5KVH

Date: Mon, 06 Jan 2003 18:12:00 -0600
From: KD5NWA <KD5NWA@cbayona.com>
To: qrp-l@lehigh.edu
Subject: [144212] Class E amplifiers
Message-ID: <5.2.0.9.0.20030106180146.00a84ab0@mail.arkansasusa.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Does anyone on this list have a copy Nathan Sokal's paper on Class E amplifiers, specifically the one where he discusses how adding additional filter stages to the amplifier affects the component selection? I believe he wrote it in 1977, something about "load coupling network design", I would love to get a copy, I can't find mine and a Web search has not turned it up.

Cecil
KD5NWA

Date: Mon, 06 Jan 2003 19:37:57 -0500
From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [144213] [OT] CW miscellany
Message-ID: <3E1A2165.43C0C8C1@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

1.) Over New Years' weekend we had a family film fest, and watched "Vertical Limit." Seems a mountain-climbing sister and party trying to ascend K-2 gets trapped in an ice crevasse, their vhf gear unable to get much of a signal out. She keys the PTT, and her bother and other climbers down at base camp hear systematic clicks on the monitoring radio. "That's Morse code," exclaims the brother, "Our Dad taught it to us when we were kids." End result---rescue! The kids got a free lecture on how Dad will be happy to teach them anytime---"Yeah, right Dad."

2.) Listening to XM radio while running hither and yon today (contact me off-list if you want to know more about XM) the dj on my favorite jazz channel talks about the "60's" channel and how every M-F afternoon they have "CQ USA" and play an hour of song requests from the 60's. And you know, they didn't even explain what "CQ" means!!

FWIW

73
Ken KG4FGC

Date: Mon, 6 Jan 2003 20:09:05 -0500
From: wkhibbert@juno.com
To: res075cz@gte.net
Cc: qrp-1@lehigh.edu
Subject: [144214] Re: IC-706 Power Cable
Message-ID: <20030106.200906.-348875.0.wkhibbert@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Jim. Keith here in the Depths of the Great Bergen Swamp

The connector is available from Universal radio in Ohio. I do not have their URL, but it is something imaginative like www.universalradio.com as I recall...

The plug is their part # 1451 and in 1999 cost \$3.95. It is for the Kenwood/Icom/Yaesu/Alinco HF rigs and some of the higher power VHF/UHF radios.

73, Wm. Keith Hibbert, WB2VUO, TC/WNY ARRL Section
President, Brockport Amateur Radio Klub
"My night light runs more power than my Rig!!!"

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Date: Mon, 06 Jan 2003 17:23:30 -0800
From: Ted Buckley <tedb@aracnet.com>
To: qrp-1@Lehigh.EDU
Subject: [144215] Request for info
Message-ID: <5.1.0.14.2.20030106171949.00a48bf0@mail.aracnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi,
I'm considering building a Elecraft K1. I'd appreciate pro and con data from members of the list. If there is a web site where additional info (other than Elecraft's) is available, that would be useful as well.
Tnx, 73, Ted WA7DFD

Date: Tue, 7 Jan 2003 01:46:38 GMT
From: hamjoel@juno.com
To: fpqrp-1@mpna.com, qrp-1@Lehigh.EDU
Subject: [144216] THANKS ON ANT QUESTION
Message-ID: <20030106.174712.10255.592284@webmail3.wlv.unttd.com>

hIGH Y'all

yea it's me again martha....

I wanted to thank all of u who replied to my ant question... very thoughtful ideas and it's nice to kneaux one does not have to go it alone....

I have pretty much decided to see if I can shorten the antenna enough to get it between two of my best ant trees... going to use two half waves in phase fed with 300 ohm twinlead and have two half wave diretors 14ft in front of them... (four elements on forty! actually two. two elements side by side... maybe 40 pllus feet up...

and basically the same arrangement on twenty except each side will have a ref,
driven, dir combination.... worked gangbusters a year or so back....

yea I should have kept it... but how do u keep an antenna one u have shown
that it works....????

ke1la joel
in maine
in sneaux

KE1LA JOEL
IN MAINE
FREEZIN

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Date: Mon, 6 Jan 2003 18:20:46 -0800
From: "John Paul Dooley" <portscom@hotmail.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [144217] AEA DX Handy MX-28S SOLD!!!
Message-ID: <0E691GM3h3vLgAusVx0000019af@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to all replies for the 10M radio. It has found a home.
73 John W6ZIP
Victorville, Ca.

Date: Tue, 7 Jan 2003 02:26:42 GMT
From: Wayne_W5KDJ <w5kdj@juno.com>
To: tedb@aracnet.com
Cc: qrp-l@Lehigh.EDU
Subject: [144218] Re:Request for info
Message-ID: <20030106.212731.10093.53055@wm1.nyc.unttd.com>

I have built the K1-4 and the Sierra for 28 & 3.5mhz. The K1 is of course twice
the radio the Sierra is but both are a pleasure to operate.

Hi,
I'm considering building a Elecraft K1. I'd appreciate pro and con data from members of the list. If there is a web site where additional info (other than Elecraft's) is available, that would be useful as well.
Tnx, 73, Ted WA7DFD

Wayne_W5KDJ
NW Houston
SV0WWW_TF2WJN
ARCI_11325 * ARS_1392 * SOC_538

Date: Mon, 06 Jan 2003 21:51:11 -0500
From: Pete Burbank <plburbank@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [144219] Motel operation...Alternative
Message-ID: <5.2.0.9.0.20030106214101.00a1dcd0@Earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

You might check out the state park system Stayed a night at Lake Eufala in Okla
and could have strung up a rhombic.
Takes a bit of camping equipment but beats motels sometimes.
Pete
NV4V

Date: Tue, 07 Jan 2003 03:17:00 +0000
From: "K. Edwards" <n3eeg@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [144220] QRP+ Problem : Low/ No Power Output
Message-ID: <F73wKw4GZagZu9fg2aE0000f61e@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I fired up my Index Labs QRP+ tonight and -while it received fine- there was little-to-no power out. Thinking it may be some fluke, I connected QRP+ #2 rig, and it exhibited the same symptoms!

I am getting maybe 10-50mw from both radios, and receive is low on one unit.

These radio were working fine when recently used, so it kind of blows my mind for both of them to suddenly exhibit similar problems. The radios were noted to be fairly tolerant of mismatch, but I can only assume that they have both smoked the finals.

Stan Yarema K7SY used to work on these. Does anyone know if there is a commerical repair facility that works on the Index Labs stuff, or has any similar experience/suggestions?

Tnx...

--Ken

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Date: Mon, 6 Jan 2003 20:19:17 -0700
From: "Dave Ek" <ekdave@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [144221] Re: Request for info (on K1)
Message-ID: <002601c2b5fb\$90846650\$8989fea9@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Ted,

A few months ago someone asked on QRP-L for a comparison between the K1 and the Sierra. Being a current owner of a K1 and a former owner of a Sierra, I replied with the comparison below. Hope this helps. I love my K1!

73 de Dave NK0E

I built and used a Wilderness Sierra prior to building and using the K-1 (a 4-band unit with the built-in ATU). Although the Sierra worked well, I

prefer the K-1 for several reasons:

- 1) no swapping of band modules in the K1 (although you're limited to four bands in this case--no big deal as far as I'm concerned, but others may have different requirements)
- 2) higher power output--my K1 will put out a full five watts, and the power output is adjustable through the front panel controls and digital display. the Sierra's output is around 3W and must be adjusted by opening the case and tweaking a pot on the board.
- 3) more controllability: I can change the power output, keyer type/speed, sidetone pitch/volume, and quite a few other parameters using the LCD display and front panel buttons. Many of these things can be controlled in the KC2 keyer for the Sierra, but others cannot.
- 4) I absolutely love the built-in ATU in the K1.
- 5) My K1's receiver outperforms my Sierra. My subjective opinion is that the K1 is more sensitive. The Sierra's continuously-adjustable IF filter was nice, but the K1's three filter settings are adequate.
- 6) I found the tuning to be kinda fussy in the Sierra. I had a hard time getting the frequency set precisely where I wanted it to be. Not so much so in the K1. Plus, the Sierra seemed kind of sensitive to hand capacitance because of the big tuning cap. The K1 uses varactor tuning and seems more stable.

I liked my Sierra, but I love my K1! The K1 will take longer to build, but it's no more difficult than building the Sierra. The Sierra has more band options and is probably more modifiable for those so inclined. Size-wise, they're about the same.

These are only my opinions. Others may differ. It's certainly possible that my Sierra behaved a little differently than someone else's--they each have their own "personality."

Date: Mon, 06 Jan 2003 22:35:20 -0500
From: "Brian Riley (maillist)" <n1bq_list@wulfden.org>
To: <wd6bor@vom.com>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [144222] Re: Info on Tandy Model 100 notebook?
Message-ID: <BA3FB528.59D6%n1bq_list@wulfden.org>
Mime-version: 1.0

Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Do a Google Search on "Tandy Model 100" and you will find quite a bunch of links I have one sitting around here myself ... tempting ... Hmmmmmm

Cheers ... 73 de brian, n1bq

On 1/5/03 13:26, "Darrel E. Jones" <wd6bor@vom.com> wrote:

> I have a Tandy Model 100 notebook computer that I was considering using for
> logging i the field. I know people on the list ave used them. Does anyone
> have info on logging programs available for this?

>

> Tnx and 72,
> Darrel, WD6BOR

>

>

>

Date: Mon, 6 Jan 2003 23:03:23 -0500
From: "Mike Majority" <n4vbw@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [144223] OT: Flying Pigs on TV
Message-ID: <410-220031274323390@earthlink.net>
MIME-Version: 1.0
Content-Type: text/html; charset=US-ASCII

<HTML><HEAD>

<META http-equiv=Content-Type content="text/html; charset=windows-1251">

<META content="MSHTML 5.50.4134.600" name=GENERATOR></HEAD>

<BODY>

<P>

<DIV>Just saw a Time Warner cable TV commercial an hour or so ago, Started with one flying pig, and ended up with the whole sky full (was on the CNN HN channel here in South Carolina). Maybe it was a Truffle Hunt?</DIV>

<DIV> </DIV>

<DIV> </DIV>

<DIV>--- Mike Majority, FISTS 8109</DIV>

<DIV>--- n4vbw@earthlink.net</DIV>

<DIV>--- EarthLink: The #1 provider of the Real Internet.</DIV>

<DIV> </DIV>

<P></P></BODY></HTML>

Date: Mon, 6 Jan 2003 20:18:12 -0800
From: "Dave Martin" <k2zu@seanet.com>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [144224] Spartan Sprint
Message-ID: <000501c2b603\$cbef2600\$28a12640@davemartin>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

20 meters folded early here in Washington state, around 7 PM, and 40 was very noisy at my location. Managed two new states on 20 though, Oklahoma and Tennessee. All in all a good night for a Sprint.
Dave K2ZU

Date: Mon, 06 Jan 2003 23:19:19 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [144225] Re: QRP+ Problem : Low/ No Power Output
Message-ID: <5.1.1.6.1.20030106231521.00b21c38@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Ken,

Are you sure it wasn't some external influence, like (my favorite) the current limiting set too low on a power supply?

2 known good rigs with the same symptoms in the same setup sounds a tad suspicious to me. It's possible that a load mismatch may have toasted the finals in both units, but there are other common factors too. Might be worth snooping around first before shipping your radios off to a repair shop.

Dave

At 03:17 AM 1/7/2003 +0000, you wrote:

>I fired up my Index Labs QRP+ tonight and -while it received fine- there
>was little-to-no power out. Thinking it may be some fluke, I connected
>QRP+ #2 rig, and it exhibited the same symptoms!

>

>I am getting maybe 10-50mw from both radios, and receive is low on one unit.

>

>These radio were working fine when recently used, so it kind of blows my
>mind for both of them to suddenly exhibit similar problems. The radios
>were noted to be fairly tolerant of mismatch, but I can only assume that
>they have both smoked the finals.

>

>Stan Yarema K7SY used to work on these. Does anyone know if there is a
>commerical repair facility that works on the Index Labs stuff, or has any
>similar experience/suggestions?

>

>Tnx...

>--Ken

>

>

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Dave Hinerman
WD8CIV@att.net

Date: Mon, 6 Jan 2003 22:28:23 -0600
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [144226] PM1 in Sprint [g]
Message-ID: <41200312742823385@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Well I tried using a 41-year old Ten-Tec PM1 for the Sprint tonite. Plenty of signals in the DC receiver [g], but the apparent drift made it a challenge. No RIT in this rig, no siree bob. BTW it's always fun to operate a contest with only one working arm. Especially when the keyer is a tiny, ultra light weight Whiterook MK-88 :-). Sorry for any inadvertent QRM along the way.

It was interesting to remember the wide open receiver from Novice days, but for sure back to the SST next time. Thanks to all who dropped by. Best wishes for 2003 one and all.

73,
--Doc/K0EVZ

Date: Tue, 7 Jan 2003 04:28:26 -0000
From: "Tony Fishpool" <tony@g4wif.fsnet.co.uk>
To: "QRP-1" <qrp-1@lehigh.edu>
Subject: [144227] Re: Flying Pigs on TV
Message-ID: <004e01c2b605\$6a92ea20\$226e86d9@celeron>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mike,
They are showing one over here selling insurance. The pigs are flying to the
music from "633 squadron".
I think of the Flying Pigs QRP group every time I see it!

see <http://www.zurich.co.uk/>

72/3
Tony - G4WIF

----- Original Message -----
From: Mike Majority

Just saw a Time Warner cable TV commercial an hour or so ago, Started with one
flying pig, and ended up with the whole sky full (was on the CNN HN channel
here in South Carolina). Maybe it was a Truffle Hunt?

Date: Tue, 7 Jan 2003 00:21:26 -0500
From: "Dennis Payton" <dpayton@fwi.com>
To: <qrp-1@Lehigh.EDU>
Subject: [144228] Re: Vertical Antenna Question
Message-ID: <008001c2b60c\$a10be7d0\$92a854d1@6300us>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I had several responses to this question but most people thought my problem was noise. Several also mentioned feedline problems, antenna not resonant, etc. I discount any problem with my antenna or feedline because I'd expect it to also show up on transmit. When someone in Europe answers my call on forty meters and I'm using one watt or less from here in the midwest, doesn't that indicate things are working pretty well? Also, I've replaced coax & connectors due to age since I've had this antenna. Frequently when I call CQ and a DX station answers me, I struggle to hear him, not because of noise in my opinion, but because of QSB.

On twenty meters, one of my favorite rigs is Rick Campbell's "High Performance QRP Transceiver" that I built from QST. It uses the miniR2 board and reception is usually crisp & quiet. Still, when I call CQ, I frequently have problems hearing the responding station. I sometimes have resorted to trying a Radio Shack speaker amp to get the volume up, but it seldom helps because of the signal-to-noise ratio.

Maybe it's theoretically impossible for someone's signal to have more difficulty getting to my receiver than for mine to get to his, I don't know, but I would say that I'm positively experiencing it. I guess I'm going to have to do some experimenting with wire and other verticals when I have some time. In the mean time, maybe I'll try the receiving antenna that was mentioned in the digest tonight.

Denny Payton, N9JXY
Auburn, IN

On Friday, January 03, 2003 2:12 PM, Dennis Payton [SMTP:dpayton@fwi.com] wrote:
> Since becoming a ham about twelve years ago, I've almost exclusively used
> vertical antennas, and most of that time it's been a Cushcraft R7. It
wasn't
> long though, until I discovered I was having trouble hearing people. At
> first I blamed it on my rig, but after owning several rigs, then getting
> into QRP and building a gazillion QRP rigs, I've decided the problem is
my
> antenna.
>
> I almost always call CQ to initiate contacts, and usually I barely can
hear
> the fellow who answers me, whether he's QRP or QRO. It's embarrassing to
> give a fellow operating 100 watts or more a worse report than he gives my

> 1/2 or 1 watt and sometimes someone is actually offended. During QRP
> contests I've discovered I can't call CQ because most people who answer
me
> aren't copiable. I do hear plenty of loud signals on the band, and they
hear
> me if I call them, but usually the people who answer CQ's are ones I can
> barely hear.
>
> Although I can't have a tower here, and I can't do much with wires, it
seems
> to me that I need some sort of receiving antenna. I'm getting tired of
> telling some QRO guy that my 1/2 watt Micromountaineer, or Rock-Mite, or
K2
> for that matter, is having trouble hearing him.
>
> Does anybody have any advice?
>
> Thanks,
>
> Denny Payton, N9JXY
> Auburn, IN
>

Date: Mon, 6 Jan 2003 22:20:21 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [144229] Re: 10 Meters is HOT!
Message-ID: <20030107062021.13348.qmail@web20416.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

PSK31 and 10 meters are a killer combination! Working DX is like
shooting fish in a barrel. I swear you could run milliwatts and work
the world with that combo.

73!

Jeff

=====

AB6MB

NorCal QRP Club #65, QRP-L #1780, ARCI 10071

Radical FIST Member 6798, Fanatic A's fan #1

Date: Mon, 06 Jan 2003 23:24:47 -0700
From: "P. Ermisch" <ermisch@usa.net>
To: <qrp-1@Lehigh.EDU>
Subject: [144230] Sprint and 80M
Message-ID: <722Haggyv2032S07.1041920687@uwdvg007.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Was only able to get on the last 45 minutes. Wanted more states for 80M =
2xQRP

WAS and picked up 4 more. Heard WV (K8K?J) but alas he did not hear me well

enough for a contact. Not so amazing to get MT from here but 3 in a row? =

I'm not an 80M regular but also picked up CT (QRP) over the weekend. Maybe my
low dipole isn't so low afterall.

Paul KB0LUR

Date: Mon, 6 Jan 2003 23:24:24 -0800
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: <n4vbw@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [144231] Re: Flying Pigs on TV
Message-ID: <005c01c2b61d\$cf66e8d0\$1160be3f@etclink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hehehe...I think of them all the time as the "Whole Hog II" automated
lighting consol is the industry standard in the entertainment world, and
it's manufactured by none other than Flying Pig Systems in the UK!

<http://www.flyingpig.com/home.shtml>

73's Trev KG6CYN

<http://home.earthlink.net/~kg6cyn>

<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: "Mike Majority" <n4vbw@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, January 06, 2003 8:03 PM
Subject: OT: Flying Pigs on TV

>
> Just saw a Time Warner cable TV commercial an hour or so ago, Started with
one flying pig, and ended up with the whole sky full (was on the CNN HN
channel here in South Carolina). Maybe it was a Truffle Hunt?
>
>
> --- Mike Majority, FISTS 8109
> --- n4vbw@earthlink.net
> --- EarthLink: The #1 provider of the Real Internet.
>
>
>

Date: Tue, 07 Jan 2003 00:53:23 -0700
From: "P. Ermisch" <ermisch@usa.net>
To: <qrp-1@Lehigh.EDU>
Subject: [144232] KG6CYN DDS kit component purchase (2nd call)
Message-ID: <607HagH2X5664S03.1041926003@uwdvg003.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

For anyone who missed the original announcement, I am coordinating a group
purchase of components for the KG6CYN DDS kit. Almost 20 commitments so far
and I can accomodate more at this time. DX are welcome.

If interested, please make sure you reply with "DDS" in the subject line. =

73 Paul KB0LUR

Date: Tue, 7 Jan 2003 05:38:12 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Dave Martin <k2zu@seanet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144233] Re: Spartan Sprint
Message-ID: <Pine.LNX.4.44.0301070533430.1246-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I noticed the same thing down here in New Mexico. And the only things I heard well were you guys up in the left corner. I worked Idaho, Oregon, Washington and on 40 meters Utah for new states.

On Mon, 6 Jan 2003, Dave Martin wrote:

> 20 meters folded early here in Washington state, around 7 PM, and 40 was
> very noisy at my location. Managed two new states on 20 though, Oklahoma and
> Tennessee. All in all a good night for a Sprint.
> Dave K2ZU
>
>

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Tue, 07 Jan 2003 12:33:43 +0000
From: k4vib@att.net
To: qrp-l@Lehigh.EDU
Subject: [144234] Re: QRP+ Problem : Low/ No Power Output
Message-ID: <20030107123343.NDDQ20003.mtiwmhc13.worldnet.att.net@mtiwebc18>

Both of those rigs have an IRF510 final...right??

Bill
K4VIB

> Ken,
>
> Are you sure it wasn't some external influence, like (my favorite) the
> current limiting set too low on a power supply?
>
> 2 known good rigs with the same symptoms in the same setup sounds a tad

> suspicious to me. It's possible that a load mismatch may have toasted the
> finals in both units, but there are other common factors too. Might be
> worth snooping around first before shipping your radios off to a repair shop.
>
> Dave
>
> At 03:17 AM 1/7/2003 +0000, you wrote:
> >I fired up my Index Labs QRP+ tonight and -while it received fine- there
> >was little-to-no power out. Thinking it may be some fluke, I connected
> >QRP+ #2 rig, and it exhibited the same symptoms!
> >
> >I am getting maybe 10-50mw from both radios, and receive is low on one unit.
> >
> >These radio were working fine when recently used, so it kind of blows my
> >mind for both of them to suddenly exhibit similar problems. The radios
> >were noted to be fairly tolerant of mismatch, but I can only assume that
> >they have both smoked the finals.
> >
> >Stan Yarema K7SY used to work on these. Does anyone know if there is a
> >commerical repair facility that works on the Index Labs stuff, or has any
> >similar experience/suggestions?
> >
> >Tnx...
> >--Ken
> >
> >
> >
> >
> >
> >
> >
> >
> >

> >Help STOP SPAM: Try the new MSN 8 and get 2 months FREE★
> ><http://join.msn.com/?page=features/junkmail>
> >
> -----
> Dave Hinerman
> WD8CIV@att.net
>

Date: Tue, 7 Jan 2003 08:29:24 EST
From: Macstein@aol.com
To: hamjoel@juno.com, fpqrp-1@mpna.com, qrp-1@lehigh.edu
Subject: [144235] Re: [fpqrp] THANKS ON ANT QUESTION
Message-ID: <c.68cb2f5.2b4c3034@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 1/6/2003 8:48:44 PM Eastern Standard Time,
hamjoel@juno.com writes:

> yea I should have kept it... but how do u keep an antenna one u have shown
> that it works....????

I have NO idea. But I hope you figure it out, Doc!

-MAC-
AF4PS
FP-51

Date: Tue, 7 Jan 2003 09:08:23 -0500
From: "Hartwell, Martin E, ALCAS" <mehartwell@att.com>
To: <qrp-l@lehigh.edu>
Subject: [144236] Re: 132 foot long wire
Message-ID: <6579C6377F475547985F0B3E426E16260204E03F@0CCLUST01EVS1.ugd.att.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: quoted-printable

HI

I have been reading with interest the posts concerning the 132' wire =
antenna.=20

I have been considering something along those lines at my place. I =
hadn't thought to=20
actually measure the wire. I live right on the edge of a woods/park =
area. I was just=20
going to shoot a line from my back porch in the woods, either with a =
sling shot, or using
my surf casting rod. Go find the weight and attach some wire and draw it =
over to the=20
house. My concerns are how to get it into the basement. Could/should I =
attach some=20
ladder line to the lone wire, feed the ladder into the basement or go =
direct with the
wire. My concern with going direct is the possibility of shorting the =
wire. The other=20
concern is that the most convenient place to enter the basement is on =
the opposite end
of the house from the location of the shack.

Man ponder, ponder, ponder it never ends always something to ponder.

Marty Hartwell kd8bj
mehartwell@att.com
AT&T Columbus Ohio
PH:614-501-2503

Date: Tue, 07 Jan 2003 09:09:38 -0500
From: "Bill Dittrich" <rwdittrich@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [144237] KG6CYN DDS kit component purchase (2nd call)
Message-ID: <F221UN3qBVmWxLxu0a1000187f9@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Count me in.

Bill
K2RWD

MSN 8 helps eliminate e-mail viruses. Get 2 months FREE*
<http://join.msn.com/?page=features/virus>

Date: Tue, 7 Jan 2003 09:16:57 -0500
From: kwike@gdls.com
To: qrp-1@Lehigh.EDU
Subject: [144238] Michigan QRP Net
Message-ID: <0FCD023C1F.C6EE63F0-0N85256CA7.004DDB29@gdls.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

OK. The holidays are over and it is time to get back on track.

The Michigan QRP net meets Tuesday nights at 9:00 PM Eastern time on 3.535 MHz.

80 meters has been doing good. I worked a 6Y5 last week and the forecast is for fair East - West propagation. So break out that 80 meter rig and give it a go.

Ed AB8DF

Date: Tue, 7 Jan 2003 09:39:15 -0500
From: "w8diz" <w8diz@fpqrp.com>
To: <kg6cyn@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [144239] Re: Flying Pigs on TV
Message-ID: <001801c2b65a\$8dda21b0\$b8cf1d41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
Sent: Tuesday, January 07, 2003 2:24 AM

> Hehehe...I think of them all the time as the "Whole Hog II" automated
> lighting consol is the industry standard in the entertainment world, and
> it's manufactured by none other than Flying Pig Systems in the UK!
> <http://www.flyingpig.com/home.shtml>

Hey... The "Flying Pigs" may be forced to take leagal action.
Everyone know that REAL flying pigs live here <http://fpqrp.com>

-Diz, (assistant Janitor for fpqrp-L)

Date: Tue, 7 Jan 2003 08:39:42 -0600
From: "Tim, N9PUZ" <n9puz@arrrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144240] Re: 132 foot long wire
Message-ID: <200301071537.JAA31305@gallium.eosinc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="Windows-1252"
Content-Transfer-Encoding: quoted-printable

On Tue, 07 Jan 2003 09:08:23 -0500, Hartwell, Martin E, ALCAS=

wrote:
>going direct is the possibility of shorting the wire. The other
>concern is that the most convenient place to enter the basement=
is
>on the opposite end of the house from the location of the=
shack.

Marty, It doesn't seem like having a significant portion of the=
radiating
antenna inside, and below or at grade level, is a good idea from=
either a
performance or an interference issue.

Tim, N9PUZ
<http://www.qsl.net/n9puz>

Date: Mon, 6 Jan 2003 23:13:02 -0500
From: "Walter Amos" <waltk8cvamosqrp@earthlink.net>
To: "Qrp-L Posts" <qrp-l@lehigh.edu>
Subject: [144241] Fw: IC-706 Power Cable
Message-ID: <000001c2b65b\$c10e1540\$65bc3841@WALTK8CV>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sure do R & L in Ohio!

Page 25 of there catalog

RCI-2970 \$14.95

Has the little six pin plug and cord

<http://randl.com>

sales@randl.com

1-800-221-7735

Walt K8CV Royal Oak, MI.

----- Original Message -----

From: "res075cz" <res075cz@gte.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, January 06, 2003 10:52 AM

Subject: IC-706 Power Cable

> I just chatted with Jim Smith at Burghardt and found that a spare power
> cable for the IC-706 will cost me close to 40 dollars delivered. Wow! I
can
> make my own if I can find a plug. Anybody know a source?
>
> 73 de Jim, K5ROV...
>
> James (Jim) Parsons, K5ROV, CMSgt (E-9), USAF, Ret., San Angelo, TX
> Ham for over 60 yrs. 90% CW
> k5rov@arrl.net, QCWA, ARCI, Fists, ARRL, ARMS.
> EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),
> DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
> JOHN 3:16
>
>
>
>
>

Date: Tue, 7 Jan 2003 10:19:02 -0500
From: "Joe W2KJ" <w2kj@bellsouth.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [144242] F.S. DDS boards and parts
Message-ID: <000b01c2b660\$1c95f320\$220110ac@gateway.2wire.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Gang:

I am too far behind on building kits here and have decided to
sell my KG6CYN DDS boards and one each ERA-1SM MMIC and one
each 50PF NPO SMT capacitor recently purchased.

Will ship the above for \$25.

73, Joe W2KJ

Date: Tue, 07 Jan 2003 15:33:58 +0000
From: "K. Edwards" <n3eeg@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [144243] Re: QRP+ Problem : Low/ No Power Output - RESOLVED
Message-ID: <F1536nClUd5fp9Y4j4600026da7@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Dave (et al)-

OK - I admit it... I **am** a bonehead.

After reading your post, I went back and checked the common elements to both radio situations, i.e. power, tuner, antenna, cables. No problem with the latter three, but the POWER was another matter.

I originally was using a 12VDC Power Station (which was indicating 12V on it's internal meter). When I had the problem last night, I did try an alternative Yuasu 12V lead acid battery, with same results (low output on the QRP+'s).

This morning I put the QRP+'s on a Realistic 12VDC regulated supply. Boy... I had OUTPUT... like 10W... but no receive! I quickly pulled them off that supply.

Given my problems, I finally got out my VOM, and found out:

1. The Realistic "regulated" supply was putting out like 27VDC, under load!
2. The Power Station was putting out milliamps...
3. The Yuasu also needs a recharge.

When I put the QRP+'s on an Astron supply, all was well well with the world.

So, it was a series of "assumptions" on my part that lead me to the conclusion of bad finals...

Thanks for provoking me to finally engage my brain!

--Ken

=====
Ken,

Are you sure it wasn't some external influence, like (my favorite) the current limiting set too low on a power supply?

2 known good rigs with the same symptoms in the same setup sounds a tad suspicious to me. It's possible that a load mismatch may have toasted the finals in both units, but there are other common factors too. Might be worth snooping around first before shipping your radios off to a repair shop.

Dave

At 03:17 AM 1/7/2003 +0000, you wrote:

>I fired up my Index Labs QRP+ tonight and -while it received fine- there
>was little-to-no power out. Thinking it may be some fluke, I connected QRP+
>#2 rig, and it exhibited the same symptoms!

>

>I am getting maybe 10-50mw from both radios, and receive is low on one
>unit.

>

>These radio were working fine when recently used, so it kind of blows my
>mind for both of them to suddenly exhibit similar problems. The radios were
>noted to be fairly tolerant of mismatch, but I can only assume that they
>have both smoked the finals.

>

>Stan Yarema K7SY used to work on these. Does anyone know if there is a
>commerical repair facility that works on the Index Labs stuff, or has any
>similar experience/suggestions?

>

>Tnx...

>--Ken

>

>

>

>

>

>

>-----
>Help STOP SPAM: Try the new MSN 8 and get 2 months FREE*

><http://join.msn.com/?page=features/junkmail>

Dave Hinerman
WD8CIV@att.net

MSN 8 helps eliminate e-mail viruses. Get 2 months FREE*
<http://join.msn.com/?page=features/virus>

Date: Tue, 7 Jan 2003 10:41:07 EST
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [144244] Re: 132 foot long wire (feed)
Message-ID: <ff.21e21863.2b4c4f13@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

132 ft FEED: Maybe one of the RF type engineers in the group can address this but I would assume that you can use coax to outside the shack/home and then connect the center wire to the 132ft wire. At the point of entrance to the shack/home you may want to install an ISOLATOR (See RADIO WORKS) or a 1-to-1 W2DU current balun with a ground wire if it is several feet long.

(Note you need to take the feed coax into account but EXACT 132 is not critical)

Alan KB7MBI

Date: Tue, 7 Jan 2003 08:45:43 -0700
From: Bruce Grubbs <mail@brucegrubbs.com>
To: mehartwell@att.com,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [144245] Re: 132 foot long wire
Message-ID: <E18VvuW-0000Lq-00@snipe.mail.pas.earthlink.net>
Content-Type: text/plain;
charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Marty,

At my last QTH, my shack was at one corner of the property. I ran a 137 foot wire from a mast above the shack window to the opposite corner of the property. I fed the shack end of the wire (which ended at the mast) with ladder line, leaving one end open at the wire end (the classic Zepp feed). At the window, I converted to RG58 coax with a standard 4:1 balun, and ran the coax to a tuner. I also drove a few ground rods below the shack window.

This antenna tuned up 160-10 and worked very well.

The advantage of using a balun and a short run of coax to the tuner is that it reduces RF in the shack.

You might also consider a Loop Skywire if you have the trees or other supports. Just make the largest and squarest possible horizontal loop, and bring the ends together above the shack. Feed it with coax and a tuner. Or, if you want, you can feed with ladder line to a 1:1 and coax to the tuner. I've found both feed arrangements to work well. I'm currently using a 190 foot loop at home, and my preferred field antenna, when I have time and space, is a 270 foot horizontal loop.

73

Bruce

N7CEE

mail@brucegrubbs.com

Date: Tue, 07 Jan 2003 10:47:20 -0500
From: "Randy Randall" <RANDALLR@Healthall.com>
To: <n3eeg@hotmail.com>, <qrp-1@Lehigh.EDU>
Subject: [144246] Re: QRP+ Problem : Low/ No Power Output - RESOLVED
Message-ID: <se1ab03c.009@jhs_izar.healthall.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Check for a shorted pass transistor in that Radio Shack power supply!

Randy AB9GO

>>> "K. Edwards" <n3eeg@hotmail.com> 01/07/03 10:33AM >>>
Dave (et al)-

OK - I admit it... I *am* a bonehead.

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>--Ken

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>Help STOP SPAM: Try the new MSN 8 and get 2 months FREE*

><http://join.msn.com/?page=features/junkmail>

Dave Hinerman
WD8CIV@att.net

MSN 8 helps eliminate e-mail viruses. Get 2 months FREE*

<http://join.msn.com/?page=features/virus>

Date: Tue, 07 Jan 2003 10:46:43 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [144247] Re: QRP+ Problem : Low/ No Power Output - RESOLVED
Message-ID: <5.1.1.6.1.20030107103932.00a759f0@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Ken,

If you're a bonehead, you're in good company. I used to work in the repair shop of a radio store. One of my jobs was to check out trade-ins to make sure they worked before we accepted them. I lost count of the number of times I could only get peanuts out of a 100 watt radio because I had turned down the current limit on the big Astron supply. (Certain repair jobs call for such precautions.)

Fortunately my boss, who had done the same thing more times than I had, would come over and turn up the current when I told him we didn't want to take the trade.

So don't be embarrassed - we've all done it. And we'll do it again.

Dave

P.S. I hope your receiver's okay after that 27V jolt! D.

At 03:33 PM 1/7/2003 +0000, you wrote:

>Dave (et al)-

>

>OK - I admit it... I *am* a bonehead.

>

>After reading your post, I went back and checked the common elements to
>both radio situations, i.e. power, tuner, antenna, cables. No problem with
>the latter three, but the POWER was another matter.

>

>I originally was using a 12VDC Power Station (which was indicating 12V on
>it's internal meter). When I had the problem last night, I did try an
>alternative Yuasu 12V lead acid battery, with same results (low output on
>the QRP+'s).

>

>This morning I put the QRP+'s on a Realistic 12VDC regulated supply.
>Boy... I had OUTPUT... like 10W... but no receive! I quickly pulled them
>off that supply.

>
>Given my problems, I finally got out my VOM, and found out:
>1. The Realistic "regulated" supply was putting out like 27VDC, under load!
>2. The Power Station was putting out milliamps...
>3. The Yuasu also needs a recharge.
>
>When I put the QRP+'s on an Astron supply, all was well well with the world.
>
>So, it was a series of "assumptions" on my part that lead me to the
>conclusion of bad finals...
>
>
>Thanks for provoking me to finally engage my brain!
>
>--Ken
>
>
>
>
>=====

>
>Ken,
>
>Are you sure it wasn't some external influence, like (my favorite) the
>current limiting set too low on a power supply?
>
>2 known good rigs with the same symptoms in the same setup sounds a tad
>suspicious to me. It's possible that a load mismatch may have toasted the
>finals in both units, but there are other common factors too. Might be
>worth snooping around first before shipping your radios off to a repair shop.
>
>Dave
>
>At 03:17 AM 1/7/2003 +0000, you wrote:
>>I fired up my Index Labs QRP+ tonight and -while it received fine- there
>>was little-to-no power out. Thinking it may be some fluke, I connected
>>QRP+ #2 rig, and it exhibited the same symptoms!
>>
>>I am getting maybe 10-50mw from both radios, and receive is low on one unit.
>>
>>These radio were working fine when recently used, so it kind of blows my
>>mind for both of them to suddenly exhibit similar problems. The radios
>>were noted to be fairly tolerant of mismatch, but I can only assume that
>>they have both smoked the finals.
>>
>>Stan Yarema K7SY used to work on these. Does anyone know if there is a
>>commerical repair facility that works on the Index Labs stuff, or has any
>>similar experience/suggestions?

>>
>>Tnx...
>>--Ken
>>
>>
>>
>>
>>
>>

>>Help STOP SPAM: Try the new MSN 8 and get 2 months FREE*
>><http://join.msn.com/?page=features/junkmail>
>
>-----
>Dave Hinerman
>WD8CIV@att.net
>
>
>
>
>
>

>MSN 8 helps eliminate e-mail viruses. Get 2 months FREE*
><http://join.msn.com/?page=features/virus>

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Tue, 7 Jan 2003 11:11:25 -0500
From: "Richard Brummer, K2JQ" <k2jq@rcn.com>
To: <wkhibbert@juno.com>, <k5rov@arrl.net>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [144248] Re: IC-706 Power Cable
Message-ID: <00bb01c2b667\$6ecfe400\$6501a8c0@Brummer.cable.rcn.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You were very close, Keith.

The correct address is <http://www.universal-radio.com/>

Note the dash between "universal" and "radio."

If Jim or anyone else is planning a purchase of these plugs, and needs to meet a minimum purchase requirement, I could use 2 or 3 of them, and would join in a purchase..

73

Dick K2JQ

----- Original Message -----

From: <wkhibbert@juno.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Sent: Monday, January 06, 2003 8:09 PM

Subject: Re: IC-706 Power Cable

> Hi Jim. Keith here in the Depths of the Great Bergen Swamp

>

> The connector is available from Universal radio in Ohio. I do not have
> their URL, but it is something imaginative like www.universalradio.com as
> I recall...

>

> The plug is their part # 1451 and in 1999 cost \$3.95. It is for the
> Kenwood/Icom/Yaesu/Alinco HF rigs and some of the higher power VHF/UHF
> radios.

Date: Tue, 7 Jan 2003 14:37:51 -0000

From: "Leon Heller" <leon_heller@hotmail.com>

To: "Low Power" <qrp-1@Lehigh.EDU>

Subject: [144249] New ADI DDS chips

Message-ID: <DAV54oXM7e0C9guA8M60000c3bb@hotmail.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

ADI has just announced some new DDS chips, with 1/10 the power consumption of their previous ones. The most interesting for our purposes is the AD9951 - 400 MSPS giving up to 160 MHz with a 14-bit DAC, consuming < 200 mW. The AD9954 has an on-chip RAM, enabling arbitrary waveforms to be generated at up to 160 MHz. They are all in 48-lead TQFP, and the 9851 costs \$13.75 (1,000 off).

73, Leon

--

Leon Heller, G1HSM

leon_heller@hotmail.com

http://www.geocities.com/leon_heller

Date: Tue, 7 Jan 2003 11:25:17 -0500
From: "Joe W2KJ" <w2kj@bellsouth.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [144250] DDS boards
Message-ID: <000a01c2b669\$5dfa47e0\$220110ac@gateway.2wire.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Gang:

The DDS boards and parts I offered earlier have been spoken for.

73, Joe W2KJ

Date: Tue, 7 Jan 2003 11:32:42 -0500
From: "Hartwell, Martin E, ALCAS" <mehartwell@att.com>
To: <qrp-1@lehigh.edu>
Subject: [144251] FS laptop
Message-ID: <6579C6377F475547985F0B3E426E16263285AA@OCCLUST01EVS1.ugd.att.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: quoted-printable

Hi

I have a old AT&T Safari laptop loaded with Win95 I would like to see. I =
thought about
using it to control my FT817, but it doesn't have a sound card, quite an =
older model.

Sarfari with power supply, all fairly good condition. Asking \$50.00 =
including shipping
within US.

=20

I can look to see, I might be able to find the Win95 on floppies here, =

but they may only=20
be in my memory, not real sure I can lay my hands on them.

Marty Hartwell kd8bj
mehartwell@att.com
AT&T Columbus Ohio
PH:614-501-2503

Date: Tue, 7 Jan 2003 11:39:47 EST
From: NB6M@aol.com
To: QRP-L@Lehigh.EDU
Subject: [144252] Off Line For a Few, now /MM
Message-ID: <147.71a1708.2b4c5cd3@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi All,

We are headed for Mexico today, and will be aboard our sailboat, cruising in the Sea of Cortez and along the West Coast of Mexico until late May.

I'll be active in early evenings on 40, 30, and 20, but will try some 80 Meter operation too, just to see what gives.

Hope to hear and work you.

72

Wayne NB6M

Date: Tue, 7 Jan 2003 09:37:14 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [144253] Most expensive state to QSL
Message-ID: <MABBJOEABOILMKCJCLFCKEOJD0AA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thought I'd compare notes with those of you chasing WAS, QRP or otherwise. I'm slogging along through my 160m QRP WAS, and not doing too bad. Up to 40 states worked now, and 36 confirmed.

I found CO to be the most expensive state to QSL, in terms of how many cards I had to send until I finally got one back. Wisconsin is a close second. No cards received from WI yet, but I'm still trying.

When I consider expense, I'm talking about two envelopes and stamps, plus a card. I estimate one card mailed with SASE costs me between 75 and 80 cents.

Multiply that by maybe half a dozen tries to get one card back from a state, and it adds up.

Fortunately, many states have responded on the first card. Thank you, thank you, thank you. If any of you receive a card with an SASE from someone, I hope you will be prompt in responding to that station's request for your card.

Now to go practice what I preach. I've got three cards setting on my desk I need to reply to.

73, Bob N6WG

Date: Tue, 7 Jan 2003 12:52:21 -0500
From: "Steve Blary" <steve@eclipsecat.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [144254] portable multiband vertical antenna ?'s
Message-ID: <PPEIIGOHKOAKJAPHAODHCEDEEBAA.steve@eclipsecat.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Everyone!

I have two of the collapsing 20 ft fishing poles and would like to make a multiband antenna for FYBO and Field Day use.

I have a MFJ 941E tuner and I will say up front that I think my problem may be with the tuner, more specifically with the balanced line input of it. I have built a 44' dipole fed with balanced feedline and an "original" St. Louis Vertical fed with balanced feed line. Neither of these antennas would tune with the MFJ941 and the meters showed very little change when adjusting

the knobs. When I switched the feed line on the SLV to coax (and use the tuner's coax input) I was able to tune up fine on 10 meters but my batteries died before I could try any other bands. As I said earlier I think there is a problem with the tuner but I'm curious about the balanced /unbalanced feedline thing. All the construction plans for antennas that I've seen call for balanced for multiband and coax for single. Why does the tuner accept coax inputs from the antenna?

Here's what I plan to do...

1. feed antenna with coax using a few turns at the end as a choke
2. lay out radials for 20,15,and 10 meters
3. for the vertical element use a wire up to 20 feet long

Do you think that I can tune these bands using the tuner or should I have several different lengths for the vertical element cut for each band (and just make a quick change when changing bands)? or maybe do both use the tuner and interchangeable vertical wires?

Since I have a second pole, can I make a replica of the first antenna and use it as a reflector/director to achieve some gain and directivity?

Thanks in advance for the help!

72's

Steve Blary, N1XC

Date: Tue, 7 Jan 2003 11:15:52 -0700
From: "KL7FDQ, Wayne Leman" <KL7FDQ@rangeweb.net>
To: <steve@eclipsecat.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [144255] portable multiband vertical antenna ?'s
Message-ID: <008d01c2b678\$f66685c0\$023d1dac@waynecomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>
> Hello Everyone!
>
> I have two of the collapsing 20 ft fishing poles and would like to make a
> multiband antenna for FYBO and Field Day use.
>
> I have a MFJ 941E tuner and I will say up front that I think my problem

may

> be with the tuner, more specifically with the balanced line input of it.

Steve, I am using the MFJ 941B tuner which allows for coax as well as long wire and balanced feed lines. I just installed an all-band dipole fed with 450 ohm twinlead. The tuner handles the twinlead just fine, but it is critically necessary to follow the MFJ 941 instructions which state that there must be a jumper wire installed between the single wire post on the back of the tuner and the nearest post for the balanced lines. When the jumper wire is installed then a 4:1 balun inside the tuner handles the balanced input. You might want to recheck your wires on the back of your tuner as well as your instruction manual to see if the 941E requires a jumper wire just like the 941B does. On my 941B there is a dotted line on the back panel indicating that there must be a jumper wire for balanced feed lines.

To show that you can actually tune your antenna with your 941E try putting one wire of the twinlead in the single wire post and tune your antenna as a longwire. If that works then you should be able to get your tuner to bring in the 4:1 balun and tune up both lines of the twinlead as well.

BTW, my 135 foot all-band dipole tunes up well on all bands and I am getting pretty decent results, even though right now I can't get the antenna higher than about 15 feet off the ground.

73,

Wayne

Wayne Leman

<http://www.qsl.net/k17fdq>

> I

> have built a 44' dipole fed with balanced feedline and an "original" St.

> Louis Vertical fed with balanced feed line. Neither of these antennas would

> tune with the MFJ941 and the meters showed very little change when adjusting

> the knobs. When I switched the feed line on the SLV to coax (and use the

> tuner's coax input) I was able to tune up fine on 10 meters but my batteries

> died before I could try any other bands. As I said earlier I think there is

> a problem with the tuner but I'm curious about the balanced /unbalanced

> feedline thing. All the construction plans for antennas that I've seen call

> for balanced for multiband and coax for single. Why does the tuner accept

> coax inputs from the antenna?

>

> Here's what I plan to do...
>
> 1. feed antenna with coax using a few turns at the end as a choke
> 2. lay out radials for 20,15,and 10 meters
> 3. for the vertical element use a wire up to 20 feet long
>
> Do you think that I can tune these bands using the tuner or should I have
> several different lengths for the vertical element cut for each band (and
> just make a quick change when changing bands)? or maybe do both use the
> tuner and interchangeable vertical wires?
>
> Since I have a second pole, can I make a replica of the first antenna and
> use it as a reflector/director to achieve some gain and directivity?
>
> Thanks in advance for the help!
>
> 72's
> Steve Blary, N1XC
>
>

Date: Tue, 7 Jan 2003 13:21:37 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [144256] RE: Most expensive state to QSL
Message-ID: <721D3436A7C2B344A301FD4A413C71A9BFBE3F@kosh.ARRLHQ.ORG>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

One technique I have used is to include a "U Fill Em" QSL, all filled =
out. All the operator need do is sign and return the card.=20

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: Bob Tellefsen [mailto:n6wg@earthlink.net]
> Sent: Tuesday, January 07, 2003 12:37 PM
> To: Low Power Amateur Radio Discussion
> Subject: Most expensive state to QSL
>=20
>=20
> Thought I'd compare notes with those of you chasing WAS, QRP=20
> or otherwise.
> I'm slogging along through my 160m QRP WAS, and not doing too=20
> bad. Up to
> 40 states worked now, and 36 confirmed.
>=20
> I found CO to be the most expensive state to QSL, in terms of=20
> how many cards
> I had to send until I finally got one back. Wisconsin is a=20
> close second.
> No cards received from WI yet, but I'm still trying.
>=20
> When I consider expense, I'm talking about two envelopes and=20
> stamps, plus a
> card. I estimate one card mailed with SASE costs me between 75 and 80
> cents.
> Multiply that by maybe half a dozen tries to get one card=20
> back from a state,
> and it adds up.
>=20
> Fortunately, many states have responded on the first card. =20
> Thank you, thank
> you, thank you. If any of you receive a card with an SASE=20
> from someone, I
> hope you will be prompt in responding to that station's=20
> request for your
> card.
>=20
> Now to go practice what I preach. I've got three cards=20
> setting on my desk I
> need to reply to.
>=20
> 73, Bob N6WG
>=20
>=20

Date: Tue, 7 Jan 2003 19:21:47 +0100

From: "Sverre Holm - LA3ZA" <la3za@qsl.net>
To: <richard_johnson@credence.com>,
 "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [144257] RE: 1SV149
Message-ID: <000201c2b679\$a44e5410\$8e00a8c0@Master>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have also searched for the 1SV149. I could not find it in Scandinavia, so my search was among US suppliers that would take a credit card and ship overseas. I ended up ordering from Ocean State Electronics, <https://www.oselectronics.com>, a few days ago. They have the MVAM109 which is also an AM-tuner type varicap: 450pF @ 1V and 30 pF @ 9V.

73
Sverre LA3ZA
www.qsl.net/la3za

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]
> On Behalf Of Richard Johnson
> Sent: 6. januar 2003 23:38
> To: Low Power Amateur Radio Discussion
> Subject: 1SV149
>
>
> <greetings>
>
> I have not been able to find a source of 1SV149 tuning
> diodes. Does any one know where a guy can buy small quantities?
>
> cheers,
> rich
>
>

Date: Tue, 07 Jan 2003 13:53:55 -0500
From: Ray Sills <raysills@1stconnect.com>
To: QRP list <qrp-1@lehigh.edu>
Subject: [144258] Re: T018 heatsink for 2N2222
Message-ID: <BA408C73.16AB1%raysills@1stConnect.com>

Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

But... for best results, choose a penny made of copper. New coins are zinc, plated with copper. I think a coin dated in the 80s or so would be OK. But, don't use the pennies that have the "wheat" on the back. Those are now very collectible, and worth much more than one cent.

73 de Ray

> From: n5ib@juno.com
> Subject: T018 heatsink for 2N2222
>
> Here's a heatsink that you can make (just did one here) that will cost
> you just \$0.01
>
> Take a penny - that's right, a penny - sorry Abe - and drill a 3/16"
> (that'll be 3/16 of 25.4 mm) hole right between the columns of Abe's
> memorial. The T018 case is slightly tapered, it seems, and this will
> press-fit snugly onto the transistor.
>
> Shhhh - don't anyone squeal to the treasury agents.....

It's OK to use coins in this manner, they won't care. It's =your= money, after all!

Date: Tue, 07 Jan 2003 12:06:30 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [144259] Re: 132 foot long wire
Message-ID: <3.0.6.32.20030107120630.007bb7a0@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>concern is that the most convenient place to enter the basement is on the
>opposite end of the house from the location of the shack.
>
Move the shack to the other side of the basement :-) Although that might not be all that practical, in the long run it might be a good idea to have the shack on the side of the house your most likely to have antenna wires enter the house.

A more practical short term solution is to put the tuner/matching network where the wire enters the house and run coax to the rig. That's what I did with my ~130 foot L for 160 M. The only problem is you have to go over to the matching network to retune it everytime you change bands, or move frequency significantly on a lower freq band. If you mark or note the settings for each band, it's not too big a deal. Or, get an auto tuner.

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Tue, 7 Jan 2003 14:35:10 -0500
From: "Steve Lawrence" <Steve.Lawrence@ITWFEG.COM>
To: tedb@aracnet.com
Cc: qrp-1@Lehigh.EDU
Subject: [144260] Re: Request for info
Message-ID: <0F5A5DDE16.B76CDCDF-ON85256CA7.006B34D7-85256CA7.006B971A@itwfeg.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ted,
There's an interesting in depth report on the K1 and similar rigs available on the Adventure Radio Society web site. Jump directly to their review page:

http://www.natworld.com/ars/pages/cumulative_index/lab.html

and have a look!
GL,
Steve
aa8af

Ted Buckley <tedb@aracnet.com>
Sent by: owner-qrp-1@Lehigh.EDU
01/06/2003 08:23 PM
Please respond to tedb

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

cc:
Subject: Request for info

Hi,
I'm considering building a Elecraft K1. I'd appreciate pro and con data from members of the list. If there is a web site where additional info (other than Elecraft's) is available, that would be useful as well.
Tnx, 73, Ted WA7DFD

Date: Tue, 7 Jan 2003 15:02:13 -0500
From: wkhibbert@juno.com
To: waltk8cvamosqrp@earthlink.net
Cc: qrp-l@lehigh.edu
Subject: [144261] Re: Fw: IC-706 Power Cable
Message-ID: <20030107.150213.-453941.0.wkhibbert@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Walt and the QRP-L:

The Ranger power cable is the same plug, but a different pin-out.

The review in QST mentioned this, and one of the local club found out the hard way when he let the smoke out of his power supply when he swapped the cable for the RCI-2970 and the IC-729!!!!

It's a pity that Ranger did not adopt the same pinout as Icom/Kenwood/Yaesu/Alinco.

73, Wm. Keith Hibbert, WB2VUO, TC/WNY ARRL Section
President, Brockport Amateur Radio Klub
"My night light runs more power than my Rig!!!"

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Only \$9.95 per month!
Visit www.juno.com

Date: Tue, 7 Jan 2003 15:25:53 -0500
From: "AI2Q" <ai2q@adelphia.net>
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [144262] RE: Most expensive state to QSL
Message-ID: <000501c2b68a\$fa9b0280\$6401a8c0@hq.cmp.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey folks, I just got one of my SASEs back last week with a QSL in it. The couple of stamps on the envelope that I had enclosed in my envelope to the station I sent it to looked kind of familiar, but old.

Why? because I had sent it out in 1996!

Seven years waiting ain't bad to get a card, eh? :-0

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L # 687 .-.-.

Date: Tue, 7 Jan 2003 15:58:50 -0500
From: "James Reid" <jreid4@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [144263] Re: 10 Meters is HOT!
Message-ID: <000301c2b68f\$96b02520\$ab5ff7a5@net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

On what specific freqs. on ten meters is this happening?

Date: Tue, 07 Jan 2003 15:18:20 -0600
From: John Bohnert <johnb@elmhurst.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144264] Antenna Question
Message-ID: <3E1B441C.2B6B4A13@elmhurst.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have purchased a home in a community that restricts antenna height to 8 ft above the roof line of my home (total antenna height of 22 ft).

I have 1.75 acres of land associated with the house and I have begun to study vertical antennas with extensive radial systems. Before I begin the process of purchasing a 1/4 vertical for 30M-10M and laying down literally hundred's of feet of wire for a radial system, I would like to mine the experience of those who have used shortened vertical dipoles with capacitive end loading (a la Force 12 and the modeling of shorten dipole antennas with capacitive end loading by W4RNL). I am interested in use of the short vertical dipoles for bands/frequencies 7.0 MHZ through 28 MHZ, in particular for the 40M and 30M bands.

Your comments would be appreciated.

72

N9KW...John

Date: Tue, 7 Jan 2003 10:43:23 -0500
From: "Walter Amos" <waltk8cvamosqrp@earthlink.net>
To: <dpayton@fwi.com>
Subject: [144265] Re: Vertical Antenna Question
Message-ID: <000101c2b690\$0e966b80\$b1bd3841@WALTK8CV>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Denny and Karl et all :

You definitely need to try some other antenna on receive. There should be a definite difference between people on QRP and QRO , DEFINITE DIFFERENCE !! You should be able to tune down the band or on a weekend in a contest and hear REALLY LOUD SIGNALS

7.020 ALWAYS HAS A LOUD JERK SENDING WITH A KEYBOARD !

SAME FOR 7.030 most times :-)

The same JERKS are on 7.038 CALLING CQ FISTS ! They are LOUD , like REALLY LOUD ! Usually they will pretend they can't hear you if you hang /qrp onto your call :-)))

My verticals give me fits from power line noise. Not all the time, just most of the time. They can have an S-9 BUZZ and I can switch to my coax fed dipole and absolutely no BUZZ and all of a sudden there are a lot of signals

, weak and watery but they are there. Europe hears the VERTICAL much better than the dipole, in fact I can't usually work Europe with the DIPOLE ! Something called " take off angle " and " high angle radiation " and " equally poor in all directions " etc.

BTW the R-7 is a noted DOG of an antenna sorry about that , but it's true. It has something to do with the balun box at the feed point. That is why they don't make it any more. Now have just a plain old trap vertical and call it the R-8 !

I have a plain aluminum tube 33' ground mounted vertical fed with coax and a Hustler 4BTV on the roof of the garage. They both work about the same. Great for DX but poor for close in. Both have BUZZ from power lines in the neighborhood. They hear all the appliances in everyone's houses VERY WELL !!

Now, you could use a SNAKE ANTENNA WHAT , you don't know what that is WELL !! Read on

It is a piece of old coax that you run around the top of your roof or around your fence line on the ground. YEP , on the ground! That's why they call it a SNAKE! Best to use a BALUN in the house but not really needed to just try the BEAST ! Use the SNAKE on receive only, and transmit with the VERTICAL ! Signals will be down on the SNAKE but usable. OH , you don't use the inside wire of the coax, you use the SHIELD to your receive. Hey , it works for some people :-) Try it, you might like it ? A pre-amp is a nice addition to the snake and you can find one in that magical place called RTFM err, the handbook that Darth Vader, in Newington, at the EVIL EMPIRE puts out. :-))

HO HO HO merry Christmas and a happy new year oh, little late for that!
Walt K8CV Royal Oak, MI.

Date: Tue, 7 Jan 2003 13:34:00 -0800 (PST)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: johnb@elmhurst.edu,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144266] Re: Antenna Question
Message-ID: <20030107213400.91739.qmail@web14207.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I just have to ask John,

You say you have 1 and 3/4 acres and are limited to a height of 8 feet above the roof. Is that for an ant. mounted on the house? Do you have trees? How far from the road is the house? Are there trees on the rear of the property?

Reason I ask, dipoles in trees on that size lot will not be seen from the road. Any height limits are generally placed to keep the overall impact to a minimum.

Just hate to see you limit yourself to short verticals when a little discussion may get you something a little better. Just a thought. Nothing wrong with the verticals.

73, and have fun

Bill kc4atu

Do you Yahoo!?

Yahoo! Mail Plus - Powerful. Affordable. Sign up now.
<http://mailplus.yahoo.com>

Date: Tue, 7 Jan 2003 15:39:10 -0600
From: Karl Kanalz <kkanalz@gcecisp.com>
To: "'johnb@elmhurst.edu'" <johnb@elmhurst.edu>,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [144267] RE: Antenna Answer
Message-ID: <01C2B662.F0808540@KKANALZ>

I'll bet you could sneak in a Cushcraft R7-V antenna, John. It is, however about 24 feet high (2 feet above your stated limitation), but it doesn't require a radial groundplane field (or so Cushcraft says).

I don't know how it works, and neither do any of the Cushcraft representatives I've talked to at ham fests, but it DOES work on 40M through 10M, including all the WARC bands.

Otherwise, a "slightly shortened" vertical antenna, with a good top hat and some sort of loading network at the bottom should work just as well, but you'll have to have a versatile tuner to match it for frequencies between 40M and 10M. The R7 doesn't need a tuner once you've adjusted tubing lengths according to instructions.

Framistan (You can call me "Fram") K - W8TIF
McKinney, Texas

-----Original Message-----

From: John Bohnert [SMTP:johnb@elmhurst.edu]
Sent: Tuesday, January 07, 2003 3:18 PM
To: Low Power Amateur Radio Discussion
Subject: Antenna Question

I have purchased a home in a community that restricts antenna height to 8 ft above the roof line of my home (total antenna height of 22 ft).

I have 1.75 acres of land associated with the house and I have begun to study vertical antennas with extensive radial systems. Before I begin the process of purchasing a 1/4 vertical for 30M-10M and laying down literally hundred's of feet of wire for a radial system, I would like to mine the experience of those who have used shortened vertical dipoles with capacitive end loading (a la Force 12 and the modeling of shorten dipole antennas with capacitive end loading by W4RNL). I am interested in use of the short vertical dipoles for bands/frequencies 7.0 MHZ through 28 MHZ, in particular for the 40M and 30M bands.

Your comments would be appreciated.

72
N9KW...John

Date: Tue, 7 Jan 2003 16:46:53 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <johnb@elmhurst.edu>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [144268] Re: Antenna Question
Message-ID: <00c301c2b696\$4ddd65e0\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I had a friend whose father was a HAM and they lived in a rental house years ago. They couldn't put up an antenna, so the guy just put a pole in the ground and sat a Batternut vertical on it, then laid out a ground radial system right on the ground. Worked fairly decently...

Another thing you might consider is a SLV in a tree. If you make it out of PVC pipe that's colored not to be visible, you could shove it up so that the pipe is even with the top of the tree. Then put a 102" CB whip also painted to be discrete above the tree. You'd probably end up a LOT higher than the 22 feet you have now.

Finally, have you thought about a 'crank up'? A lot of times they meet restrictions when they are down, and aren't considered in violation as long as they aren't 'left up'. But you'd have to check on that to make sure.

Mike

Date: Tue, 07 Jan 2003 21:51:22 +0000
From: alan.kaul@att.net
To: johnb@elmhurst.edu
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [144269] Re: Antenna Question
Message-ID: <20030107215125.LGAX9286.mtiwmhc11.worldnet.att.net@mtiwebc17>

John . . .

I believe your best results with a vertical will result by using "elevated" radials. For example, an 8 foot tall loaded antenna near the peak of the roof, working against 6 or 8 rooftop radials will give you a better signal than a ground mounted vertical with the same number (or possibly even more) buried radials. I have used roof mounted radials (33 feet tall) for 40 and 80M for years (with 2 80-m and 4 40-m radials atop the roof). From the West Coast, running 100W I can work Europe on 40 and with 1kw can work Europe on 80 (when the band is open, of course).

I use a 4-foot base-loaded 10M vertical and QRP power and can work Japan, Australia, S. America and occasionally Europe from my car (the top of that antenna is only about 10-feet off the ground!).

Any antenna is better than no antenna!

Best 72/73 de alan

--
Alan Kaul, LaCanada, CA 91011
w6rcl@amsat.org
http:
//home.att.net/~alan.kaul/index.htm

1

> I have purchased a home in a community that restricts antenna height to
> 8 ft above the roof line of my home (total antenna height of 22 ft).
>
> N9KW...John

Date: Tue, 07 Jan 2003 15:58:52 -0600
From: Monty N5ESE <n5fc@io.com>
To: AQR@onelist.com, we6w@qsl.net, k5qlf@yahoo.com, GarySehne@aol.com,
n2apb@amsat.org, ausfredericks@yahoo.com, ghostsignal@HOTMAIL.COM,
Subject: [144270] The Demise of N5FC
Message-ID: <5.1.0.14.0.20030107154815.02329d30@mail.io.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I thought I should announce this since many of you visit my QRP web page,
and might be confused.

After 25 years with the FCC-issued call N5FC, I have relinquished that call
and adopted 'N5ESE' via the Vanity Call system. I have always been
extremely pleased to be N5FC, and I often thought I would only give it up
for 'AE5E' or 'N5EE' (the shortest US callsigns, both of which are
currently held by someone else). But around mid-December, while operating
portable in McKinney Falls State Park, I worked Lloyd, K3ESE, in Maryland,
a fellow QRP'er. We had a long QSO, K1 to K1, and discussed lotsa QRP
stuff, including the K1 and Rock-Mite. But the thing that was most
memorable was the fun I had sending his call in CW, again and again: dit
dididit dit. When I got home, I got on the web and researched N5ESE, and
low-and-behold, surprises-of-surprises, it was available! I agonized for
about two days before finally deciding I really wanted that call.

I was more than a little reluctant to give up a good CW 1x2 call, even for
one with such a recognizable rythm, but I felt a lot better about it when
I counted up the timing bits. Turns out N5FC is 25% longer than N5ESE (45
bits as opposed to 35 bits). That clinched it, and I applied for and have
now been issued N5ESE.

I figure if worse comes to worst, I have two years to change my mind, and
re-claim N5FC before somebody else grabs it. But I really don't think
that's gonna happen. I really think I'm gonna love this call.

There is much fallout from a decision like this: QSL Cards, new log book,
namebadges, call-lists, equipment IDs, many web pages to revise, QST and

e-mail changes... hmmm, maybe this wasn't such a great idea after all. For the moment, however, e-mail and web page addresses remain the same.

73,
monty

Monty Northrup, N5ESE (ex-N5FC) Austin, TX
e-mail: n5fc@io.com or maddog@io.com
web (ham): http://www.io.com/~n5fc/
web (home): http://www.io.com/~maddog/

Date: Tue, 7 Jan 2003 14:14:20 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [144271] RE: Most expensive state to QSL
Message-ID: <MABBJ0EAB0ILMKCJCLFCIEPAD0AA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yes, Ed, I tried that with one fellow who didn't reply to it either.
Made up a real nice QSL for him, too.
Guess it just depends on who is on the other end. Some won't reply
to anything, so they are a waste of time. Unfortunately, you never
know who they are until you try.
73, Bob N6WG

Date: Tue, 7 Jan 2003 16:28:28 -0600
From: "Rob Matherly" <w0jrm@arrl.net>
To: "Flying Pigs" <fpqrp-l@fpqrp.com>, "SOC" <soc@mailman.qth.net>,
<qrp-l@lehigh.edu>
Subject: [144272] Need help with name of logging program...
Message-ID: <006e01c2b69c\$1f00e160\$6c11a541@jimrob>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All;

I'm trying to remember the name of a logging program I once used. All I remember is that I *think* it was a UK thing (different terminology, dd/mm/yy format, etc), and it had a feature that would graph your contacts based on band, power, date, etc., in the format of pie charts, bar graphs, etc.

Anyone have a clue as to what in the world I'm trying to remember?

Having a senior moment... at age 21... lol...

--

72/73/oo - Rob, w0jrm - w0jrm@arrl.net
ARRL, FPQRP -330, SOC #497, QRPp-I #19, IAQRP #143,
<http://www.qsl.net/w0jrm>

End of QRP-L Digest 2793
